

Ian Iversen

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[Linkedin](#) | [Github](#) | [Blog](#) | [Portfolio](#)

SOFTWARE ENGINEER

Full Stack Web Developer with a background in System Engineering. Success building and deploying novel web applications from scratch. Strong skills in communication and working collaboratively that help companies achieve their goals. Passion for Audio Software and Blockchain Technology.

TECHNICAL SKILLS

C | React | PostgreSQL | TypeScript | Ruby on Rails | Python | Next | Flask | Tailwind | CSS | Git

TECHNICAL PROJECTS

DEMO - [Github](#) | [Demo](#)

This web app allows users to record multiple audio tracks, play them back, and share them publicly.

- Utilized Ruby on Rails Active Storage to store audio files within a SQLite database.
- Developed with horizontal scaling in mind by rendering only specific audio files and decreasing client-side data.
- Implemented playback timeout solution to allow for 4 tracks to play synchronously.

Minesweeper Snake - [Github](#) | [Demo](#)

This web app reimagines the popular game Snake in the style of Minesweeper.

- Established MVC pattern to persist user's gameplay to a PostgreSQL DB using Ruby on Rails.
- Programmed JavaScript frontend game logic true to the classic Nokia Snake.
- Hosted the frontend and database on Heroku, allowing for a global score leaderboard.
- Detailed the visually iconic Minesweeper aesthetic using CSS, JavaScript, and HTML.

Windows 98 Portfolio - [Github](#) | [Demo](#)

A web page that displays my current work built in the functionality and style of the Windows 98 desktop.

- Incorporated original asset library of Windows 98 icons as well as fonts, with a keen attention to detail.
- Effectively applied Next.js to structure the entire frontend, rendering and navigation.

EXPERIENCE

ITCSNY

New York, NY

System Engineer

06/23 - Current

- Integrated data networks and digital video surveillance systems in NYC public schools following the DOE's engineering specifications.
- Communicated with school principals, construction project officers, and related vendors to ensure scope of installations were completed.
- Trained school staff on camera system functionality and viewing software.

MealPal

New York, NY

Product Associate

2023

- Assisted the product development process at MealPal, a Series B startup offering discounted lunch takeout subscriptions to users.
- Tested software in staging environments for quality assurance purposes on web and mobile.

EDUCATION

Flatiron School

Remote

Full Stack Web Development Bootcamp

06/27 - 10/07 2022

SAE Institute

Chicago, IL

Audio Engineering Certificate

2019 - 2020

Skidmore College

Saratoga Springs, NY

Bachelor of Arts in American Studies

January 2018